

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM



# LISTING SERVICE

**LISTING No.** 3225-0981:103

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**CATEGORY:** Fire Dampers

**LISTEE:** Greenheck Fan Corp., 400 Ross Ave., Schofield WI 54476-0410  
Contact: \*Marty Gissel (715) 692-6710 FAX (715) 355-3954

**DESIGN:** Models FSD-211, -212, -213, -231, -311, -312, 311V, \*SSFSD-211, DFD-210, -230, \*SSDFD-210, OFSD-211, -212, -311, \*SSOFSD-211, ODFD-210, and \*SSODFD-210 multi-blade fire dampers. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING:	Models	Single Sec.		Multiple Sec.		Installation	Rated
		W	H	W	H		
	FSD-211,-212,-213	36"	50"	96"	50"	V or H	1-1/2 Hr
				128"	100"	V	1-1/2 Hr
	DFD-210	36"	50"	96"	50"	V or H	1-1/2 Hr
				128"	72"	V	1-1/2 Hr
	FSD-231,DFD-230	36"	48"	72"	48"	V or H	3 Hr
	FSD-311, -312	32"	36"	96"	50"	V or H	1-1/2 Hr
				128"	100"	V	1-1/2 Hr
	FSD-311V	32"	50"	NA	NA	V or H	1-1/2 Hr
	ODFD-210	36"	36"	NA	NA	V	1-1/2 Hr
	OFSD-211, 212, 213	36"	36"	NA	NA	V	1-1/2 Hr
	OFSD-311	32"	36"	36"	36"	V	1-1/2 Hr
	*SSFSD-211	24"	30"	48"	30"	V or H	1-1/2 Hr
	*SSDFD-210	24"	30"	48"	30"	V or H	1-1/2 Hr
	*SSOFSD-211	24"	30"	36"	30"	V	1-1/2 Hr
	*SSODFD-210	24"	30"	36"	30"	V	1-1/2 Hr

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number, classification and UL label.

**APPROVAL:** Listed as fire dampers for use as described under "Design" and "Installation". Refer to Listing No. 3230-0981:104 for leakage rated dampers.

\*Rev. 12-22-2002 JW



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 9, 2008**

*Listing Expires **June 30, 2009***

Authorized By: **BEN HO, Chief**  
Fire Engineering Division